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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/737,417	12/15/2003	Eiichi Terada	13693	6336	
7590 12/01/2005			EXAM	EXAMINER	
ORUM & ROTH			GIBSON, ERIC M		
53 W. JACKSO CHICAGO, IL			ART UNIT PAPER NUMBER		
			3661		

DATE MAILED: 12/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rcv. 10/03)

		Application No.	Applicant(s)			
Office Action Summary		10/737,417	TERADA, EIICHI			
		Examiner	Art Unit			
		Eric M. Gibson	3661			
	The MAILING DATE of this communication app	ears on the cover sheet with the c	orrespondence address			
Period fo	• •	VIC CET TO EVOIDE AMONITU	EV OD TUIDTY (20) DAVE			
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING Donsions of time may be available under the provisions of 37 CFR 1.1: SIX (6) MONTHS from the mailing date of this communication. Depriod for reply is specified above, the maximum statutory period vire to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim will apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONEI	N. nety filed the mailing date of this communication. D (35 U.S.C. § 133).			
Status						
1)⊠	Responsive to communication(s) filed on <u>15 D</u>	ecember 2003.				
·	a) ☐ This action is FINAL . 2b) ☒ This action is non-final.					
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.					
Disposit	ion of Claims	·				
4)⊠	4)⊠ Claim(s) <u>1-3</u> is/are pending in the application.					
-	4a) Of the above claim(s) is/are withdrawn from consideration.					
5)	5) Claim(s) is/are allowed.					
·	6)⊠ Claim(s) <u>1-3</u> is/are rejected.					
·	7) Claim(s) is/are objected to.					
8)∐	Claim(s) are subject to restriction and/o	r election requirement.	•			
Applicat	ion Papers					
9)[The specification is objected to by the Examine	r.				
10)⊠ The drawing(s) filed on <u>13 December 2003</u> is/are: a)⊠ accepted or b)□ objected to by the Examiner.						
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11)[]	The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form P1O-152.			
Priority (ınder 35 U.S.C. § 119	•				
12)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)⊠ All b)□ Some * c)□ None of:						
	1. Certified copies of the priority documents have been received.					
2. Certified copies of the priority documents have been received in Application No						
	3. Copies of the certified copies of the priority documents have been received in this National Stage					
	application from the International Bureau	•				
~ ``	See the attached detailed Office action for a list	or the certified copies not receive	a			
Attachmen	t(s) e of References Cited (PTO-892)	4) Interview Summary	(PTO-413)			
2) Notic	e of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Da	ate			
	mation Disclosure Statement(s) (PTO-1449 or PTO/SB/08) or No(s)/Mail Date 2/27/04.	5) Notice of Informal P 6) Other:	atent Application (PTO-152)			

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DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-3 are rejected under 35 U.S.C. 102(b) as being anticipated by Suzuki et al. (US004609064A).

Per claim 1, Suzuki teaches a drive system switching control method of a four-wheeled vehicle for switching two drive systems including the steps of detecting a steering angle (steering angle sensor 30, figure 6A) and inhibiting the drive system switching if the detected steering angle is over a predetermined angle (column 5, line 58 – column 6, line 5).

Per claim 2, Suzuki teaches a drive system switching control method of a four-wheeled vehicle for switching two drive systems including the steps of detecting a steering angle and a vehicle speed (30, 40; figure 6A), comparing the detected steering angle and vehicle speed with a corresponding relationship and analyzing a predetermined drive system switching to determine whether or not it is allowed (see figure 6B), and inhibiting the drive system switching if the switching is not allowed (column 5, line 58 – column 6, line 5).

Per claim 3, Suzuki teaches a drive system switching control method of a fourwheeled vehicle for switching two drive systems including the steps of detecting a Application/Control Number: 10/737,417

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steering angle and a vehicle speed (30, 40; figure 6A), comparing the detected steering angle and vehicle speed with a corresponding relationship and analyzing a predetermined drive system switching to determine whether or not it is allowed in correspondence to the vehicle speed (see figure 6B), and inhibiting the drive system switching if the switching is not allowed (column 5, line 58 – column 6, line 5).

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Hara et al. (US005819194A) teaches a system for controlling four-wheel drive for a motor vehicle. Iritani (US004792009A) teaches a four-wheel drive vehicle. Yamakawa et al. (US004576061A) teaches a system for controlling the transmission of a four-wheel drive vehicle. Suzuki (US004566554A) teaches a four wheel drive system with center differential unlock control responsive to steering angle.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric M. Gibson whose telephone number is (571) 272-6960. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Black can be reached on (571) 272-6956. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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